

ABSTRACT OF THE DISCLOSURE

An integrated multi-channel transmitter for fiber optic applications is disclosed. The transmitter includes a laser array coupled to a modulator chip by way of an isolator sandwiched between two lenslet arrays. The modulator chip includes an array of modulators, with each one receiving the output of one of the lasers. The chip also includes a coupler that receives the outputs from the modulators and combines them into a single, combined output signal which, in turn, may be coupled an output fiber.

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